

## Lessons Learned and Addendum For the R5.0 IFPS Installation Instructions

**Dated MAY 3, 2001**

NOTE: The information in this document is not optional, except where noted.

The changes listed below are separated out by the part number as they appear in the R5.0 IFPS installation instructions. For the most part these are clarifications or additional instructions that must be done by the site during the specified parts of the upgrade.

The information below will be upgraded and updates will be placed on the following webpage:

**[http://www.oso3.nws.noaa.gov/awips\\_software.htm](http://www.oso3.nws.noaa.gov/awips_software.htm)**

When you go to the Web page, check the date of the lessons learned/addendum with the date of this document to ensure you have the latest one. Sometimes it takes a day or so for the update to get posted on the Web page.

## **Part 0 - Preinstallation Requirements**

- 5c. A correction to the IP address for the NOAA1 server is needed. The ftp command should be:  
(5/3)

**ftp 165.92.25.15**

6. New step to be added to the instructions: (5/3)

Back up any batch files located in /awips/adapt/ifps/bin, such as those for Columbia's Fire Weather and NFDRS (FWM) local applications, that run from the Product Generation Menu. Except for a select few files, most everything in /awips/adapt/ifps/bin from ICWF is removed.

## **PART 1: Install Release 5.0 IFPS**

- 4.B Add this to the end of step 4 of the R5.0 IFPS instructions (May 3)

Two ER sites had a problem with the 5.0.IFPS install. We have included an explanation of the problem below as well as a few UNIX commands that if preformed prior to the beginning of the install help prevent this error from occurring. Here is the description of the problem and steps that can be taken to prevent it from happening:

### **Overview of the problem:**

It has been reported at several sites that the IFPS install will fail due to the ICWF database being locked or "currently opened" during the installation of R5.0 IFPS. So far, it has been found that this occurs for two reasons. **First**, the site may be running ICWF at the time of the 5.0.IFPS installation. **Second**, old ICWF process may be running on the workstation without the site's knowledge. **In each of these cases the result will be that the ICWF database is locked and the install is unable to rename the database from icwf\_ccc to ifps\_ccc.** The end result is that all database related processes of the install fail.

### **Avoiding future 5.0.IFPS install failures:**

In Part 1 step 1, it is clearly stated in the install instructions to ensure that no users are currently running ICWF.

### **The second problem can be avoided by doing the following on each of the workstations:**

Type:

**ps -ef | grep ifp**

**Kill** any and **all processes related to ICWF**. It is essential that no ICWF processes be running at the time of the 5.0.IFPS install.

6. Step 6 on page 1-2 needs to be replaced with the following:

A. Now that the IFPS patch is installed, you will need to do the following make some changes before IFPS will work. If you are in daylight saving time, you will need to change the appropriate file to support this. If you do not know how to do this, call the NCF.

B. Start IFPS.

- i. This is necessary because if you don't start IFPS within a couple of days of the upgrade, you will run into problems. Specifically, the subdirectory /data/logs/adapt/ifps will get deleted and you won't be able to restart IFPS.
- ii. Similar, **if not use IFPS within 3 days**, the subdirectory /data/logs/adapt/ifps will get deleted.

Problems "i" and "ii" will be fixed in an upcoming patch. If you run into the problem and can't start IFPS on a workstation, then on that workstation you will need to recreate the ifps subdirectory. To do this type the following commands then restart IFPS.

```
mkdir /data/logs/adapt/ifps
chmod 777 ifps
```

C. Manually download some NGM MOS grid files.

7. The web page found in the instructions should work and get you to the web page with any new patches or maintenance releases with IFPS patches. If that page doesn't work, use the following:

<http://www.oso3.nws.noaa.gov/awipsnew/software/allpatches.htm>